



PANCHSHEEL PUBLIC SCHOOL

10+2 Senior Secondary School (Affiliated & Recognized by CBSE)

Jaitpur, Badarpur, New Delhi-44

Mid-Term Examination-2022-23

Time:	Subject:	Class: VIII	M. Marks:
Name.....	Roll No.....	Section	Date:

Q.1. Multiple choice questions: (1×5=5)

(i) Yeast helps in the production of

(a) Sugar (b) Starch (c) Oxygen (d) Alcohol

(ii) Which one of the following characteristic is correct?

(a) All metals are malleable (b) All non metals are malleable (c) Most metals are malleable

(d) All non-metals are malleable

(iii) Which one of the following is not an exhaustible source of energy?

(a) Propane. (b) Methane. (c) Butane. (d) Biogas

(iv) Where are genes located in a cell?

(a) Mitochondria (b) Chromosome (c) Plastid (d) Golgi body

(V) A fluid exerts pressure

(a) Downward only (b) Towards lateral sides (c) Upward thrust (d) In all directions

Q.2 Fill in the blanks. (1×4=4)

(i) Upward pressure from water on an object being immersed in it is called _____.

(ii) To reduce drag the shape given to a boat is _____.

(iii) Space with cytoplasm filled with fluid _____.

(iv) Property of substance which can be drawn into wire _____.

Q.3. Correct the following statements. (1×4=4)

(i) Metals are sonorous

(ii) Animal cells include chromoplast

(iii) More the weight of an object less is the friction on moving it on a surface.

(iv) Metalloids are good conductors of electricity

Q.4. Define the following. (any three). (1×3=3)

(i) Streamlined

(ii) Magnitude of force

(iii) Nucleus

(iv) Malleability

Q.5. Differentiate between: (2×3=6)

(i) exhaustible and inexhaustible natural resources

(ii) renewable and nonrenewable resources

(iii) Acid and Base

Q.6. Give reason (1×3=3)

(i) slippers provided under the rail track?

(ii) Earth moving round the sun without slowing down?

(ii) graphite is used in dry cells?

Q.7. Very Short answer questions. (1×3=3)

(a) Name an oxide which may be dissolved in water to obtain acidic solution

(b) What happened when force is applied in the direction of motion?

(c) What is the role played by ribosome present in the cytoplasm?

Q.8. Short answer questions. (2×3=6)

(a) What do you understand by reactivity of metal? Explain giving one example.

(b) Write advantages of using LPG.

(c) Which kind of cell is the longest in animal body? What purpose it serves?

Q.9, Long answer questions (any three). (3×3=9)

(a) Why do we call a spring balance as force meter?

(b) Explain some methods for reducing friction.

(c) List any three products of fractional distillation of petroleum with their uses.

(d) What are communicable disease? List some of the careers of microbes.

Q.10. HOTS Questions: (2x2=4)

(a) Animals are soft bodied where as plant body is rigid. Why?

(b) Atmospheric pressure exerts of force of 1 kg per square cm on our head even then we are not crushed under it

Q.11. Draw well labeled diagram of an Plant cell. (3)